

JAX MAGNA-PLATE 74

DESCRIPTION

JAX Magna-Plate 74 is a food-grade air line oil compounded to provide the best air line lubrication performance in all areas requiring USDA H1 food-contact authorization. It contains a high percentage of emulsifiers and rust inhibitors to provide trouble-free operation of all air-operated equipment. The emulsifier additives pick up moisture in the system and exhaust it, while the food-grade rust inhibitors and antiwear additives protect the internal parts and air motors of the lubricated equipment.

ADDITIONAL PERFORMANCE

JAX Magna-Plate 74 incorporates JAX new, proprietary additive technology, Micronox®, for enhanced protection for the product. A first in food-grade lubricants, JAX Micronox® has proven especially effective protecting the product in difficult plant applications.

LUBRICATION APPLICATIONS

JAX Magna-Plate 74 is used on and protects components of all air-operated equipment used in a food-contact environment with state-of-the-art food-grade antiwear chemistry. These include, but are not limited to, meat saws, knives, stunning guns, air tools and air-operated processing and packaging machinery.

PERFORMANCE

High-speed air-driven motors require specific lubricant characteristics that maximize component life while

minimizing operating problems. The highly refined white mineral oils and specific viscosity of JAX Magna-Plate 74 make it ideal for all high-speed air-driven equipment in a food or beverage plant environment. Wear on internal parts is prevented with our advanced food grade anti-wear chemistry. Rust and corrosion are eliminated with our enhanced rust preventative additives. In addition, the hygroscopic characteristics of Magna-Plate 74 enable it to absorb and exhaust any tramp moisture left in the air system for even greater system dryness.

BENEFITS

JAX Magna-Plate 74 provides three major benefits to food and beverage processing plants:

- 1) Longer bearing and air operated equipment life
- 2) Micronox® technology to provide protection for the product; and
- 3) The ability to exhaust tramp moisture, keeping the air system drier.

AIR SYSTEM APPLICATION

JAX Magna-Plate 74 should be used on air systems with adequate mechanical drying mechanisms. The emulsification additives in the formulation will pick up and exhaust tramp moisture effectively. However, if the system is particularly wet, the emulsifier additives may become too water-laden, causing a heavier emulsion to be formed which may inhibit oil flow. If this situation exists, switch to JAX Magna-Plate 72 food-grade air line lubricant, which has all of the benefits of Magna-Plate 74 without the water emulsification feature.

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Performance Features

- Outstanding Antiwear Protection
- Powerful Micronox Performance
- Plant-Wide Performance
- FDA Food-Grade Compliant
- High Level Rust & Corrosion Protection
- Water Emulsification Additives
- Compatible Air System Components

Performance Benefits

- Greatly Extended Life for Lubricated Parts
- Adjunct in Plant HACCP Programs
- Food-Grade Reduces Product Liability Concerns
- Added Step in Product Protection
- Protection of All Air-Driven Equipment
- Elimination of Tramp Moisture from System
- Protection of Parts from Water and Chemicals



MAGNA-PLATE 74

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Typical Property	Magna-Plate 74 Part # 00740	Method
Viscosity@ 100°C, cSt	4.39	ASTM D 445
Viscosity @ 40°C, cSt	23.33	ASTM D 445
Viscosity Index	93	ASTM D 2270
SAE Viscosity Grade	10	SAE J300
Pounds per Gallon	7.17	ASTM D 1298
Specific Gravity	0.8612	ASTM D 1298
Pour Point, °F (°C)	-8 (-22)	ASTM D 97
Flash Point, °F (°C)	374 (190)	ASTM D 92
Fire Point, °F (°C)	417 (214)	ASTM D 92
Copper Strip Corrosion	1a	ASTM D 130
Rust Test		ASTM D 665
Method A - Distilled Water	Pass	
Method B - Synthetic Sea Water	Pass	
Foaming Characteristics, Initial/Final Volume (Time)		ASTM D 892
Sequence I	0/0 (15 sec.)	ASTM D 892
Sequence II	5/0 (10 sec.)	
Sequence III	0/0 (10 sec.)	
Water Separability, oil-water-cuff (min)	1-2-77 (5 min)	ASTM D 1401
Color	Water white	
Micronox Technology	Yes	
NSF Registration No. / Category Code	124536 / H1	



CONTAINER SIZES & PART NUMBERS

Product part numbers consist of the prefix number listed below each product at the top of the page, plus the suffix shown behind each container size below. (Part # - Container Size) Please note that not all products are available in all container sizes.

Container Sizes:	Part #
2000 Pound Tote - 276	00740-276
400 Pound Drum - 400	00740-400
120 Pound Keg - 120	00740-120
35 Pound Pail - 035	00740-035
4-1 Gallon Case - 004	00740-004
Bulk	00740

